

RECEIVED
MAR 5 1959
STATE ENGINEER
SALEM, OREGON

Permit No. G-1281

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Arthur A. Patterson (Name of applicant)

of Ironsides, Oregon, county of Malheur

state of Oregon, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Willow Creek (Name of stream)

tributary of Malheur

2. The amount of water which the applicant intends to apply to beneficial use is 5 cubic feet per second or gallons per minute.

3. The use to which the water is to be applied is Irrigation

4. ~~The well or other source is located~~ Springs and Sump ft. and ft. from the corner of (N. or S.) (E. or W.) (Section or subdivision)

S 3° 38' E a distance of 1501' (If preferable, give distance and bearing to section corner)

from the N. W. corner of Section 22, T 14 S, R 39 E, (If there is more than one well, each must be described. Use separate sheet if necessary)

being within the S. W. 1/4 N. W. 1/4 of Sec. 22, Twp. 14 S, R. 39 E,

W. M., in the county of Malheur 6 sprinkler main 1450

5. The 8' sprinkler main N. W. Canal or pipe line W to be 2500 miles

in length, terminating in the N. E. 1/2 S. W. 1/4 of Sec. 22, Twp. 14 S, (Smallest legal subdivision)

R. W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Sump No. 1

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

8. The development will consist of a sump and drain ditch [infiltration trench] having a diameter of inches and an estimated depth of feet. It is estimated that

feet of the well will require casing. Depth to water table is estimated 2 (Feet)

CANAL SYSTEM OR PIPE LINE—

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(c) Length of pipe, ft.; size at intake, in.; in size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type 1,500 GPM

Parma Water Lift

Give horsepower and type of motor or engine to be used Electric Motor

25 H. P.

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

The South Bank of Willow Creek is 380 feet from the proposed sump.

W. S is 6.8' below N. G at the sump.

12. Location of area to be irrigated, or place of use

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated	Existing Water right
14 S	39 E	21	Supplemental SE NE	19	20
		21	NE NE	1	40
		22	NW NW	38	
		22	NE NW	25	25 1/2
		22	SW NW	19	23 1/2
			Primary	102	
		22	N. W NE	15	
		22	SW NE	11	
		22	S. E NW	27	
		22	NE SW	25	
		22	NW SW	9	
		22	SW SW	6	
22	SE SW	2			

(If more space required, attach separate sheet)

95

Character of soil Silt loom

Kind of crops raised Hay and pasture

MUNICIPAL SUPPLY--

II. To supply the city of
in **county, having a present population of**
and an estimated population of **in 19**.....

- 14. Estimated cost of proposed works, \$ 5500
- 15. Construction work will begin on or before March 1, 1959
- 16. Construction work will be completed on or before June 1, 1962
- 17. The water will be completely applied to the proposed use on or before June 1, 1962

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. This is an existing right under Willow Creek Adjudication as shown above.

Arthur A. Patterson
(Signature of applicant)

Remarks: There are a number of seeps showing on the ground surface approximately 200' North and West of the toe of the slope from the bench ground above. Preliminary investigation indicates that there is a water bearing gravel strata under the slopes to the South and East of the proposed drain. The sand and gravel strata pinches out near the drain location and the semi-impermeable soil between the drain and Willow Creek forces the water to the surface. It is proposed to construct an 8' to 16' deep drain leading into a sump 20' X 100', 16' deep. It is anticipated that static W. S. will be 2' below ground surface. Exact depth and location of pump to be determined, as construction proceeds.

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before, 19.....

WITNESS my hand this day of, 19.....

STATE ENGINEER

STATE OF OREGON,

PERMIT

County of Marion,

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed ~~2.46~~ ^{2.46} cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from two wells

The use to which this water is to be applied is irrigation and supplemental irrigation

If for irrigation, this appropriation shall be limited to ~~1/80~~ ^{1/80} of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed ~~3~~ ³ acre feet per acre for each acre irrigated during the irrigation season of each year; provided further that the amount of water allowed herein, together with the amount secured under any other right existing for the same lands shall not exceed the limitation allowed herein,

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is March 5, 1959

Actual construction work shall begin on or before April 15, 1960 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1960

Complete application of the water to the proposed use shall be made on or before October 1, 1961

WITNESS my hand this 15th day of April, 1959

Lewis A. Stanley
STATE ENGINEER

Application No. G-1406

Permit No. G-1281

PERMIT

TO APPROPRIATE THE GROUND WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 5th day of March 1959, at 1.00 o'clock P. M.

Returned to applicant:

Approved:

April 15, 1959

Recorded in book No. 5 of 1281 Ground Water Permits on page

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 10 page 38